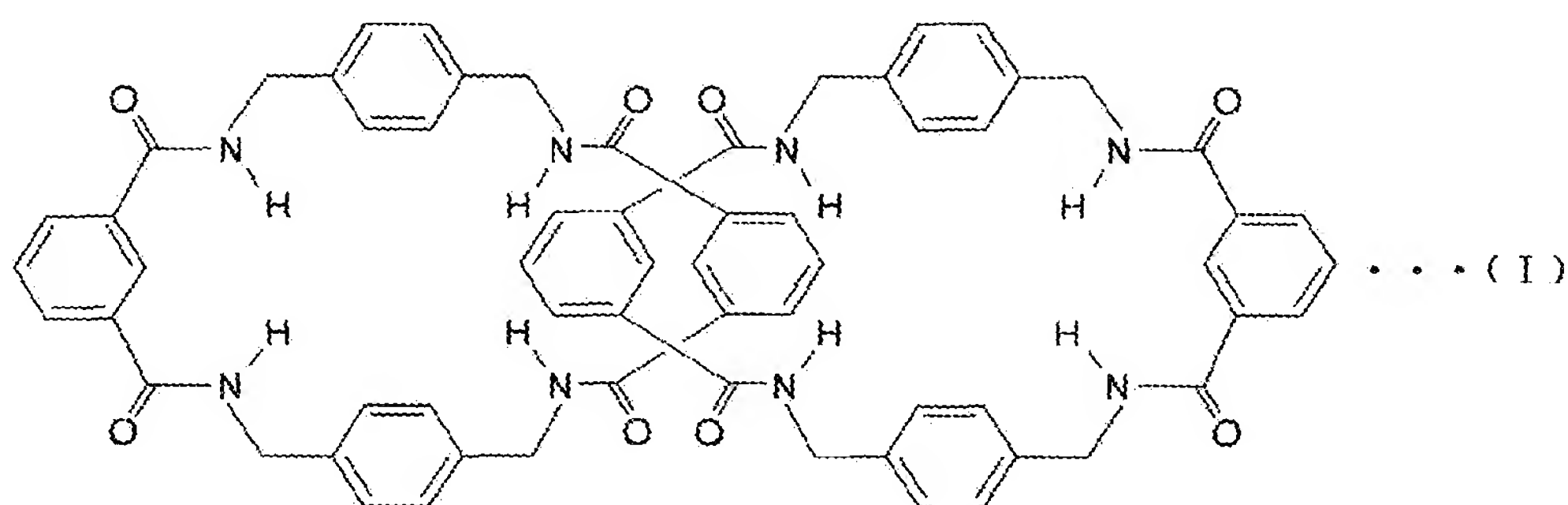


ABSTRACT OF THE DISCLOSURE

An anticancer agent according to the present invention is difficult for a cancer cell to excrete and is suitable for topical treatment of cancer cells. The anticancer agent according to the present invention contains as an active ingredient the catenane compound indicated by the chemical formula (I) below.



This catenane compound is a type of compound referred to as amide [2] catenane, and has a structure in which two molecular rings linked to each other like a chain are not bonded to each other by covalent bonding. The shape of the molecule can be easily changed and the molecule is relatively difficult to be incorporated via a receptor, but the proliferation of cancer cells is inhibited when this compound is introduced into cancer cells.